atherosclerosis

VOL. 130, Nos. 1,2 April 1997

CONTENTS

Cited in: Biological Abstracts – CABS (Current Awareness in Biological Sciences) – Chemical Abstracts – Current Contents/Life Sciences – Current Contents/Clinical Medicine — Excerpta Medica Abstract Service – Index Internacional de Cardiologia – Index Medicus – Informedicus – PASCAL M

Basic Research

Estrogen inhibits cuff-induced intimal thickening of rat femoral artery: effects on migration and proliferation of vascular smooth muscle cells
M. Akishita, Y. Ouchi, H. Miyoshi, K. Kozaki, S. Inoue, M. Ishikawa, M. Eto, K. Toba, H. Orimo (Japan) 1

Inhibitory effect of prostaglandin E_1 on intimal thickening following photochemically induced endothelial injury in the rat femoral artery
K. Umemura, S. Watanabe, K. Kondo, H. Hashimoto, M. Nakashima (Japan) 11

Cell death in human atherosclerotic plaques involves both oncosis and apoptosis
M. Crisby, B. Kallin, J. Thyberg, B. Zhivotovsky, S. Orrenius, V. Kostulas, J. Nilsson (Sweden) 17

Copper-induced inflammatory reactions of rat carotid arteries mimic restenosis/arteriosclerosis-like neointima formation
W. Völker, A. Dorszewski, V. Unruh, H. Robenek, G. Breithardt, E. Buddecke (FRG, Germany) 29

Behavioral correlates of plasma sex hormones and their relationships with plasma lipids and lipoproteins in Japanese men
K. Handa, H. Ishii, S. Kono, K. Shinchi, K. Imanishi, H. Mihara, K. Tanaka (Japan) 37

Substantial inhibition of neo-intimal response to balloon injury in the rat carotid artery using a combination of antibodies to platelet-derived growth factor-BB and basic fibroblast growth factor
C. Rutherford, W. Martin, M. Salame, M. Carrier, E. Änggård, G. Ferns (UK) 45

Vascular angiotensin-converting enzyme activity in cholesterol-fed rabbits: effects of enalapril
S. Hoshida, M. Nishida, N. Yamashita, J. Igarashi, K. Aoki, M. Hori, T. Kuzuya, M. Tada (Japan) 53

Increased secretion of gelatinases A and B from the aortas of cholesterol fed rabbits: relationship to lesion severity
A.B. Zaltsman, A.C. Newby (UK) 61

Differential expression of nonmuscle myosin II isoforms in human atherosclerotic plaque
S. Nikol, N. Murakami, J.G. Pickering, M. Kearney, G. Leclerc, B. Höfling, J.M. Isner, L. Weir (USA, Germany) 71

Reduced platelet serotonin content and release in familial hypercholesterolaemia
C.C.T. Smith, D.J. Betteridge (UK) 87

Serum HDL cholesterol values are associated with apoB-containing lipoprotein metabolism and triglyceride-body fat interrelation in young Japanese men
T. Kazumi, A. Kawaguchi, T. Hozumi, Y. Ishida, G. Yoshino (Japan) 93

Cultured retinal pericytes stimulate in vitro angiogenesis of endothelial cells through secretion of a fibroblast growth factor-like molecule
S. Watanabe, N. Morisaki, M. Tezuka, K. Fukuda, S. Ueda, N. Koyama, K. Yokote, T. Kanzaki, S. Yoshida, Y. Saito (Japan) 101

Contents continued on p. 243

The table of contents of *Atherosclerosis* is included in ESTOC — Elsevier Science Tables of Contents service — which can be accessed on the World Wide Web at the following URL addresses:
http://www.elsevier.nl/locate/estoc or http://www.elsevier.com/locate/estoc

0021-9150(199704)130:1,2;1-5

08004

Contents continued from back cover

Smoking cessation increases the resistance of low-density lipoprotein to oxidation
A. Sasaki, K. Kondo, Y. Sakamoto, H. Kurata, H. Itakura, Y. Ikeda (Japan) 109
Tranilast inhibits contraction and Ca^{2+} movement of porcine coronary arteries
S. Ishibashi, U. Ikeda, T. Ihara, K. Shimada (Japan) 113
Lysophosphatidic acid and intracellular signalling in vascular smooth muscle cells
S. Seewald, A. Sachinidis, R. Düsing, Y. Ko, C. Seul, P. Epping, H. Vetter (Germany) 121
Collagen-synthesizing cells in initial and advanced atherosclerotic lesions of human aorta
E.R. Andreeva, I.M. Pugach, A.N. Orekhov (Russia) 133
Decreased intracellular degradation and increased secretion of apo B-100 in Hep G2 cells after inhibition of cholesteryl ester synthesis
C. Ooyen, A. Zecca, T. Zanelli, A.L. Catapano (Italy) 143
A G^{+1} to C mutation in a donor splice site of intron 2 in the apolipoprotein (apo) C-II gene in a patient with apo C-II deficiency: A possible interaction between apo C-II deficiency and apo E4 in a severely hypertriglyceridemic patient
M. Okubo, Y. Hasegawa, Y. Aoyama, T. Murase (Japan) 153
Influence of apo E phenotype on postprandial triglyceride and glucose responses in subjects with and without coronary heart disease
A. Dart, B. Sherrard, H. Simpson (Australia) 161
Proinsulin-like molecules and plasminogen activator inhibitor type 1 (PAI-1) activity in diabetic and non-diabetic subjects with and without myocardial infarction
R.P. Gray, A. Panahloo, V. Mohamed-Ali, D.L.H. Patterson, J.S. Yudkin (UK) 171

Clinical Investigation

Hemodynamic changes associated with reduction in total cholesterol by treatment with the HMG-CoA reductase inhibitor pravastatin
J. Muramatsu, A. Kobayashi, N. Hasegawa, S. Yokouchi (Japan) 179
The role of insulin in age-related sex differences of cardiovascular risk profile and morbidity
J. Willeit, S. Kiechl, G. Egger, M. Oberhollenzer, F. Oberhollenzer, M. Muggeo, W. Poewe, E. Bonora (Austria, Italy) 183
Efficacy and safety of atorvastatin compared to pravastatin in patients with hypercholesterolemia
S. Bertolini, G. Bittolo Bon, L.M. Campbell, M. Farnier, J. Langan, G. Mahla, P. Pauciullo, C. Sirtori, F. Egros, R. Fayyad, J.W. Nawrocki (Italy, UK, France, Germany, USA) 191
The effect of supraphysiologic doses of testosterone on fasting total homocysteine levels in normal men
J.M. Zmuda, L.L. Bausserman, D. Maceroni, P.D. Thompson (USA) 199
The expression of angiotensin-I converting enzyme in human atherosclerotic plaques is not related to the deletion/insertion polymorphism but to the risk of restenosis after coronary interventions
W. Haberbosch, R.M. Bohle, F.E. Franke, S. Danilov, F. Alhenc-Gelas, R. Braun-Dullaeus, H. Hölschermann, W. Waas, H. Tillmanns, A. Gardemann (Germany, France) 203
Altered mononuclear phagocyte differentiation associated with genetic defects of the lysosomal acid lipase
G. Rothe, J. Stöhr, P. Fehringer, C. Gasche, G. Schmitz (Germany, Austria) 215
Ascorbate and urate are the strongest determinants of plasma antioxidative capacity and serum lipid resistance to oxidation in Finnish men
K. Nyyssönen, E. Porkkala-Sarataho, J. Kaikkonen, J.T. Salonen (Finland) 223

Instructions to Authors 235
Author index 237
Subject index 241